

Patent Abstracts of Japan

PUBLICATION NUMBER : 05305125
PUBLICATION DATE : 19-11-93

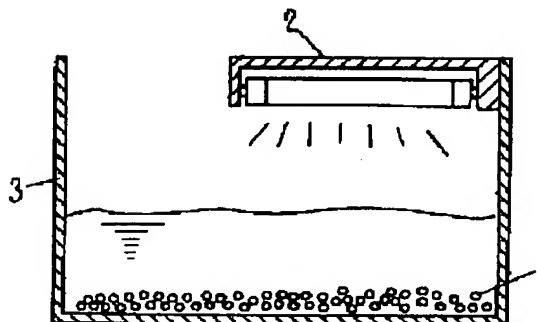
APPLICATION DATE : 30-04-92
APPLICATION NUMBER : 04111120

APPLICANT : MATSUSHITA SEIKO CO LTD;

INVENTOR : KOSAKA YOSHIOMI;

INT.CL. : A61L 2/10 F24F 6/00

TITLE : HYDRAULIC STERILIZER AND
ULTRASONIC HUMIDIFIER



ABSTRACT : PURPOSE: To sterilize microorganism in water by active hydrogen to be generated by a photocatalytic reaction of anatase-type titanium dioxide by irradiating the anatase-type titanium dioxide provided in water with near ultraviolet rays concerning a hydraulic sterilizer which sterilizes the microorganism breeding in the water.

CONSTITUTION: Anatase-type titanium dioxide 1 provided in a hydraulic sterilizer 3 is irradiated with near ultraviolet rays generated from a near ultraviolet ray irradiator 2 to get oxygen in water excited by a photocatalytic reaction of the anatase-type titanium dioxide 1 thereby generating active oxygen.

COPYRIGHT: (C)1993,JPO&Japio